

In the Claims:

Please amend the claims as follows:

1. (currently amended) An optical lens system comprising:
 - a first optical lens having a first region and a perimeter region;
 - an electro-active refractive matrix coupled to the first region of the optical lens, the electro-active refractive matrix capable of altering an optical power of the optical lens system, the perimeter region of the lens being removable from the optical lens without removing a portion of said electro-active refractive matrix to configure the optical lens for a specific eyeglass frame.
2. (Original) The optical lens system of claim 1 wherein more than 30% of the perimeter region of the lens may be removed from the optical lens to configure the optical lens for a specific eyeglass frame.
3. (Original) The optical lens system of claim 1 wherein more than 60% of the perimeter region of the lens may be removed from the optical lens to configure the optical lens for a specific eyeglass frame.
4. (Currently amended) The optical lens system of claim 1 wherein the electro-active refractive matrix includes-is associated with patterned electrodes.
5. (Currently amended) The optical lens system of claim 1 wherein the electro-active refractive matrix includes-is associated with a diffractive element.
6. (Original) The optical lens system of claim 1 wherein the electro-active refractive matrix includes is associated with a plurality of pixilated elements.
7. (Original) The optical lens system of claim 1 further comprising:

a controller and a conductor bus coupled to the first optical lens.

8. (Original) The optical lens system of claim 7 wherein the controller includes a power source.

9. (Original) The optical lens system of claim 1 further comprising:

a second optical lens coupled to the first optical lens, the second optical lens covering at least a portion of the electro-active refractive matrix.

10. (Original) The optical lens system of claim 1 further comprising:

a conductor bus positioned along a radius of the first optical lens, the conductor bus coupling the perimeter region of the first optical lens to the electro-active refractive matrix.

11. (Original) The optical lens system of claim 1 further comprising:

a range finder coupled to the first optical lens; and a power source coupled to the first optical lens.

12. (Original) The optical lens system of claim 1 wherein the electro-active refractive matrix is coupled to a carrier.

13. (Currently Amended) The optical lens system of claim 12 wherein a controller, a range finder, and a power source are coupled to the carrier and wherein the electro-active refractive matrix includes-is associated with a diffractive element.

14. - 44. (Cancelled)

45. (currently amended) A method of assembling eyewear comprising:

providing a lens system having an electro-active refractive matrix, the electro-active refractive matrix capable of altering an optical power of the optical lens system, the lens system also having a fixed outer surface;

modifying the shape of the lens system by edging an outer perimeter of the lens system

without removing a portion of said electro-active matrix; and

placing the lens system into an eyewear frame.

46. (Original) The method of claim 45 further comprising:

coupling a conductor of the lens system to a conductor of the eyewear frame.

47. (Original) The method of claim 45 wherein the electro-active refractive matrix includes a plurality of individual pixels.

48. (Cancelled)

49. (Original) A method of assembling an optical lens system comprising:

providing a lens blank, the lens blank having an electro-active refractive matrix capable

of altering an optical power of the optical lens system to provide vision correction; and

removing material from the lens blank to configure the lens blank to fit within a specified eyeglass frame without removing a portion of said electro-active refractive matrix.

50. (Original) The method of claim 49 wherein the electro-active refractive matrix contains patterned electrodes.

51. (New) The method of claim 45 further comprising associating the electro-active refractive matrix with a diffractive element.

52. (New) The method of claim 49 further comprising association the electro-active refractive matrix with a diffractive element.